SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color TV	Bulletin No. :	97-CTV-E0004
Model :	CS7277PF	Bulletin Date :	Jan. 6, 1997
Buyer :	SCSC, SEAU, SMSC, SASC, SAPL, TSE		

Subject : Notice the countermeasures of 'Oscillating Noise' problem

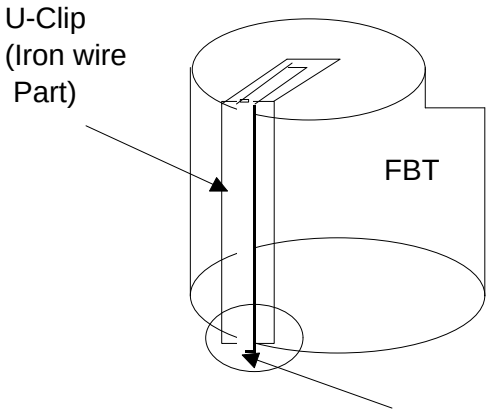
Background : (Symptom) It is happened the 'Oscillating Noise' phenomenon on SMPS and Horizontal Out-put part of WorldBest model intermittently.

Solution : Oscillation of SMPS and Horizontal output part's jumper.

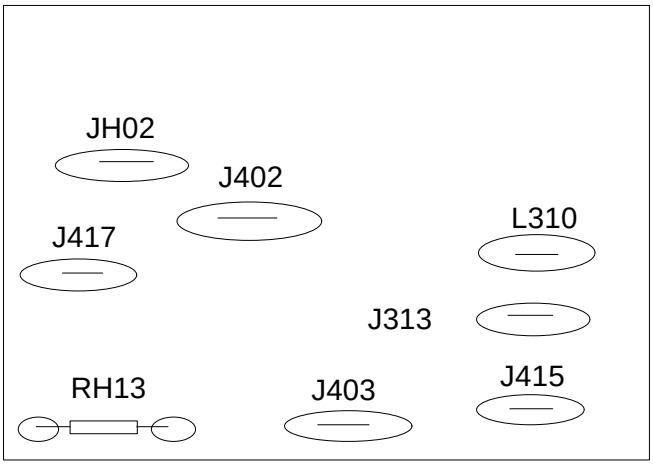
Solution : Apply the Silicon (Neji-Lock) Bond to FBT U-Clip part and peripheral parts as drawings:

Application Date : Nov. 18, 1996

Applying Parts of Silicon(Neji-Lock) Bond :



Especially, apply the plenty of silicon (Neji Lock) Bond to U-Clip bottom part.



Application	Reference ( ) Only Defected sets (O) Whole sets ( )		
Attachment	Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( ) Mechanical Diagram ( ) None (O) Others ( )		
Product Month	Nov. 1996	Serial No.	
Published by	S. K. Yang	Checked by	Approved by J. G. Lee

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Television	**Bulletin No. :**	97-CTV-E0027
Model :	CT721AP	**Bulletin Date :**	Jul. 31, 1997
Buyer :	SEA, SECA, SLSC, SEM, SMC	**ECN Date :**	Jul. 30, 1997

SUBJECT : KCT53A & KCT51A, Countermeasure of 'No Power' fail caused by thunder

Background : (Symptom) When a thunder with lightning rolls and rumbles in the fields, it has an effect on the TV set through 'Antenna' so that 'No Power' fail can be occurred intermittently.

Cause : It is caused by a thunder with lightning.

Solution : In order to prevent an effect from thunder, it is added 'Varistor part' to C833 location which is applying by soldering on the position of C833 location bottom of PCB.
And, it is necessary to eliminate the 'Flux' of 'Spark Gap' soldering part which is connected with 'AC Cord' and 'Tuner'.

Application Date : July 30, 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
C833 Bottom of PCB	-	-	1405 - 001030	Varistor 10D121 (Soldering on C833 bottom of PCB)	E

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : **Serial No.** (~ from)

Published by S.K. Yang **Approved by Mr. J.G. Lee**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	97-CTV-E0051
Model :	CS6177 / CS7277	**Bulletin Date :**	Dec. 23, 1997
Buyer :	CCS, SMSC, SEH,ACS, SEAU	**ECN Date :**	Dec. 20, 1997

SUBJECT : CS-6177, SCT51A, Countermeasure of 'Whistle sound noise'

Background : The 'Whistle(P~) sound' noise (7.8Khz signal) occurs intermittently.
(Symptom)

Cause : It is caused by the effect of oscillating in the circuit of FBT and Linearity Coil.

Solution : In order to improve the sound noise, the Linearity Coil has been changed as below drawings:

Application Date : July 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
L401		Linearity Coil 44uH	AA27 - 30003K	Linearity Coil 44uH	D

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram ( )	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None (O)	Others ( )
Product Month :	January 1997	**Serial No.** (~ from)	
Published by	S.K. Yang		**Approved by** Mr. J.G. Lee

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	97-CTV-E0052
Model :	CS-2901AP / CS-721APTR	**Bulletin Date :**	Dec. 23, 1997
Buyer :	CCS, SMSC	**ECN Date :**	Dec. 20, 1997

SUBJECT : CS-2901, SCT51A, Countermeasure of 'Whistle sound noise'

Background : The 'Whistle(P~) sound' noise (7.8Khz signal) occurs intermittently.
(Symptom)

Cause : It is caused by the effect of oscillating in the circuit of FBT and Linearity Coil.

Solution : In order to improve the sound noise, the Linearity Coil has been changed as below drawings:

Application Date : July 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
L402	-	Linearity Coil 50 uH	AA27 - 30003H	Linearity Coil 50 uH	D

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram ( )	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None (O)	Others ( )

Product Month : January 1997	**Serial No.** (~ from)

Published by S.K. Yang		**Approved by** Mr. J.G. Lee

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	CTV	**Bulletin No. :**	99-CTV-E0025
Model :	K51A Chassis	**Bulletin Date :**	Nov . 4, 1999
Buyer :	SEA,SECA,SEM,LCS,SEASA etc..	**ECN Date :**	Nov . 4, 1999

SUBJECT : K51A Chassis, Countermeasure for ' No Power '

Background :

(Symptom) It is occurred ' No Power ' problem on K51A chassis model.

Cause :

Surge flow into VCC terminal.

Solution :

R&D dept. has modified the circuit changing as belows.

Application Date : Nov . 4, 1999

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
	between Power IC #3 and Ground		0403-000555	30V, 0.5W	E

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD→Early, (Parts) (Prod.), NEW→Late	OLD→Early, (Parts) (Prod.), NEW→Late	OLD Early, (Parts) (Prod.), NEW→Late	OLD→Early, (Parts) (Prod.), NEW→Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram (O) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others ( )

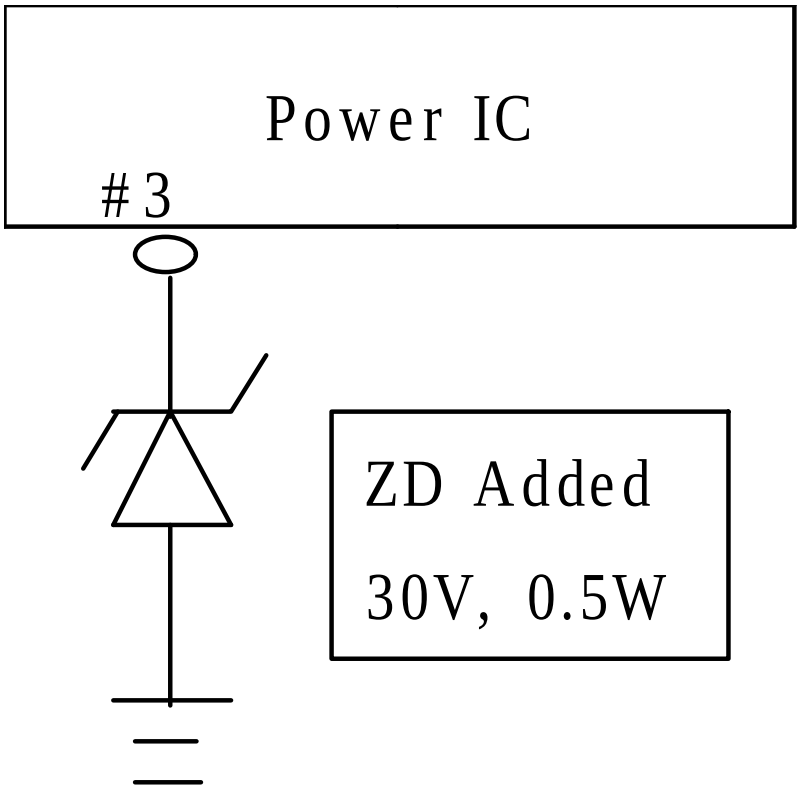
Product Month : **Serial No.** (~ from)

Published by H. C. Kim / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5170)

¡á Additional Information

99-CTV-E0025

* How to put the parts soldering at Bottom PCB



¡á Distribution List and Remarks

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	U.S.A	
2	SECA	Canada	
3	SEM	Mexico	**K51A Chassis Model**
4	LCS	Panama	
5	SEASA	Argentina	
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